Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 16 Feb 2022 until 23:59 on Thursday 17 Feb 2022

Forecast Issued on Tuesday 15 Feb 2022 at 16:27

Confidence: High for the very unsettled and at times stormy conditions. Medium for cloud details. Medium in details from Friday.

Headline for Wednesday 16 Feb 2022: Gale force winds. Heavy rain at times. Stormy in the evening.

Mountain weather hazards on Wednesday 16 Feb 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** Medium Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Cloudy	Cloudy	Light rain	Heavy Rain	Heavy Rain	Light rain showers (night)
Precipitation probability							
70%	60%	20%	30%	60%	70%	50%	50%

Forecast for Wednesday 16 Feb 2022

Weather: Overnight rain clearing by dawn. Dry with some early brightness, but soon cloudy and overcast with outbreaks of heavy rain. Drier spells and squally showers in the evening, these turning wintry over the tops. Gales and buffeting at height and turning stormy in the evening with gusts to around 80mph with the risk of being blown over.

Chance of cloud-free hill tops above 600m: 70% early morning and in the evening, otherwise 20%

Low cloud and visibility: Moderate or poor in rain and showers, very poor at times at height. Occasional or extensive cloud, base 600m or less at times, but often above the tops in the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Wednesday 16 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/32 S	36/45 SW	35/46 W	33/44 W	34/45 SW	44/57 SW	46/61 W	47/62 W	43/58 W
300	18/25 S	27/36 SW	25/35 SW	26/37 SW	25/36 SW	35/50 SW	34/50 W	36/53 W	34/50 W
Valley	9/23 S	16/35 SW	15/34 W	17/36 W	16/35 SW	23/48 SW	25/53 W	27/54 W	26/51 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	7/1	7/1	6/0	7/2	9/3	7/-0	4/-4	3/-6
300	5/1	9/4	10/5	9/5	10/6	11/6	9/4	7/1	6/-1
Valley	6/2	9/6	10/7	9/6	10/7	11/7	10/5	7/2	6/1
Freezing Level*	1500m	2000m	1600m	1600m	2300m	2300m	1300m	1000m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A poor day overall, particularly later in the day with a marked deterioration in conditions from midday.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 15 Feb 2022	5.2mm	28mm	39.8mm

Forecast for Thursday 17 Feb 2022

Weather: Storm force winds and wintry showers overnight. Bright with scattered wintry showers during daylight hours, winds slowly easing but a severe wind chill for much of the time. Snow mainly above 500m. Mainly dry in the evening with a frost and some clear spells.

Maximum wind: West 40mph gusting 60mph in the early morning, decreasing 25mph gusting 35mph in the afternoon.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Occasional or scattered cloud, base mainly above the tops, but lowering significantly in wintry showers. Visibility mostly very good, but poor or very poor in showers.

Temperature: **Valleys:** Plus 3 to 7 Celsius falling to Zero Celsius in the evening.
At 600m: Around Zero Celsius
Freezing level: 600m

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